

# MONITORIZAREA CALITATII AERULUI – SISTEME AUTOMATE DE MONITORIZARE APARTINAND OPERATORILOR ECONOMICI

## 1. S.C Unilever Romania S.A. (punct monitorizare Scoala Grigore Moisil Ploiesti)

<b>01.10.2019</b>	
<b>Data Ora</b>	<b>Pulberi, µg/m<sup>3</sup></b>
2019-10-01 00:00:00	20.12
2019-10-01 01:00:00	17.88
2019-10-01 02:00:00	17.88
2019-10-01 03:00:00	17.88
2019-10-01 04:00:00	17.88
2019-10-01 05:00:00	17.88
2019-10-01 06:00:00	15.56
2019-10-01 07:00:00	13.38
2019-10-01 08:00:00	13.38
2019-10-01 09:00:00	13.38
2019-10-01 10:00:00	13.37
2019-10-01 11:00:00	13.37
2019-10-01 12:00:00	17.34
2019-10-01 13:00:00	20.81
2019-10-01 14:00:00	20.81
2019-10-01 15:00:00	20.81
2019-10-01 16:00:00	20.81
2019-10-01 17:00:00	20.81
2019-10-01 18:00:00	22.44
2019-10-01 19:00:00	23.77
2019-10-01 20:00:00	23.77
2019-10-01 21:00:00	23.77
2019-10-01 22:00:00	23.77
2019-10-01 23:00:00	23.77

**2.SC Saint Gobain Construction Products Romania SRL- Punct de lucru Isover Ploiesti (punct monitorizare – limita amplasamentului zona cartier Mihai Bravu)**

<b>01.10.2019</b>		
<b>DateTime</b>	<b>NH3 (µg/m³)</b>	<b>HCHO (µg/m³)</b>
01/10/2019 00:02	12.92	3.53
01/10/2019 00:32	12.40	2.88
01/10/2019 01:02	11.76	2.93
01/10/2019 01:32	11.29	2.41
01/10/2019 02:02	10.77	2.32
01/10/2019 02:32	10.38	2.54
01/10/2019 03:02	10.00	2.18
01/10/2019 03:32	9.59	1.88
01/10/2019 04:02	9.19	2.02
01/10/2019 04:32	9.04	2.01
01/10/2019 05:02	8.34	1.59
01/10/2019 05:32	8.42	2.05
01/10/2019 06:02	7.99	2.62
01/10/2019 06:32	7.46	2.49
01/10/2019 07:02	7.00	2.19
01/10/2019 07:32	7.06	2.80
01/10/2019 08:02	7.05	2.82
01/10/2019 08:32	7.02	2.53
01/10/2019 09:02	6.02	2.60
01/10/2019 09:32	5.49	2.59
01/10/2019 10:02	5.13	2.77
01/10/2019 10:32	5.35	3.51
01/10/2019 11:02	5.46	3.30
01/10/2019 11:32	5.30	3.84
01/10/2019 12:02	5.34	3.11
01/10/2019 12:32	5.43	4.16
01/10/2019 13:02	5.26	3.80
01/10/2019 13:32	5.19	4.03
01/10/2019 14:02	5.74	3.41
01/10/2019 14:32	6.76	3.45
01/10/2019 15:02	8.00	2.62
01/10/2019 15:32	9.40	3.23
01/10/2019 16:02	11.01	2.87
01/10/2019 16:32	12.75	3.21
01/10/2019 17:02	13.89	2.91
01/10/2019 17:32	14.62	3.30
01/10/2019 18:02	15.01	3.16
01/10/2019 18:32	15.01	2.49
01/10/2019 19:02	16.31	3.69
01/10/2019 19:32	15.79	3.82
01/10/2019 20:02	15.06	3.67
01/10/2019 20:32	14.33	5.10
01/10/2019 21:02	13.52	6.52
01/10/2019 21:32	12.40	6.10

### 3.SC PETROTEL LUKOIL SA punct monitorizare Club Laguna -

01.10.2019						
Data Ora	Benzen (ug/m3)	Toluen (ug/m3)	Etilbenzen (ug/m3)	Xileni (ug/m3)	SO2 (ug/m3)	Pulberi (ug/m3)
2019-10-01 00:00:00	3.58	3.59	0.12	0.57	0.97	21.05
2019-10-01 01:00:00	1.75	2.49	0.00	0.39	0.00	21.05
2019-10-01 02:00:00	4.90	3.20	0.33	0.62	0.00	21.05
2019-10-01 03:00:00	1.39	2.34	0.42	0.72	0.00	21.05
2019-10-01 04:00:00	4.17	2.98	0.00	0.51	0.00	20.03
2019-10-01 05:00:00	1.27	2.73	0.16	0.49	0.01	11.80
2019-10-01 06:00:00	3.10	5.17	1.04	1.25	0.01	11.79
2019-10-01 07:00:00	8.00	6.68	1.64	1.85	0.00	11.80
2019-10-01 08:00:00	6.31	7.91	2.26	2.36	0.00	11.80
2019-10-01 09:00:00	0.98	3.55	2.99	2.42	0.00	11.79
2019-10-01 10:00:00	0.23	2.20	0.98	0.76	0.01	13.77
2019-10-01 11:00:00	0.55	1.37	3.55	2.83	6.05	26.65
2019-10-01 12:00:00	0.03	0.68	0.34	0.51	1.37	26.64
2019-10-01 13:00:00	0.45	1.10	6.30	4.83	0.87	26.64
2019-10-01 14:00:00	0.67	1.66	4.88	3.89	0.80	26.64
2019-10-01 15:00:00	0.65	2.11	1.45	1.42	1.17	26.64
2019-10-01 16:00:00	0.37	1.54	2.55	2.08	1.57	25.98
2019-10-01 17:00:00	0.30	0.90	1.67	1.33	0.66	22.06
2019-10-01 18:00:00	0.11	0.50	0.00	0.13	0.08	22.06
2019-10-01 19:00:00	0.31	2.13	1.47	1.51	0.00	22.06
2019-10-01 20:00:00	2.84	7.91	3.97	3.60	0.00	22.06
2019-10-01 21:00:00	2.71	6.26	1.69	1.68	0.00	22.06
2019-10-01 22:00:00	1.48	2.91	0.15	0.42	0.00	24.87
2019-10-01 23:00:00	0.47	1.27	0.00	0.31	0.01	39.79

**01.10.2019**

<b>DataOra</b>	<b>H2S (µg /m3)</b>
2019-10-01 00:00:00	3.58
2019-10-01 00:30:00	1.17
2019-10-01 01:00:00	0.96
2019-10-01 01:30:00	0.35
2019-10-01 02:00:00	1.64
2019-10-01 02:30:00	1.41
2019-10-01 03:00:00	0.10
2019-10-01 03:30:00	0.07
2019-10-01 04:00:00	0.34
2019-10-01 04:30:00	0.19
2019-10-01 05:00:00	0.02
2019-10-01 05:30:00	0.01
2019-10-01 06:00:00	0.05
2019-10-01 06:30:00	0.31
2019-10-01 07:00:00	0.77
2019-10-01 07:30:00	1.21
2019-10-01 08:00:00	1.19
2019-10-01 08:30:00	0.95
2019-10-01 09:00:00	0.57
2019-10-01 09:30:00	0.05
2019-10-01 10:00:00	0.01
2019-10-01 10:30:00	0.00
2019-10-01 11:00:00	0.00
2019-10-01 11:30:00	0.00
2019-10-01 12:00:00	0.00
2019-10-01 12:30:00	0.00
2019-10-01 13:00:00	0.00
2019-10-01 13:30:00	0.00
2019-10-01 14:00:00	0.00
2019-10-01 14:30:00	0.00
2019-10-01 15:00:00	0.00
2019-10-01 15:30:00	0.00
2019-10-01 16:00:00	0.00
2019-10-01 16:30:00	0.00
2019-10-01 17:00:00	0.00
2019-10-01 17:30:00	0.00
2019-10-01 18:00:00	0.00
2019-10-01 19:00:00	0.02
2019-10-01 19:30:00	0.03
2019-10-01 20:00:00	0.66
2019-10-01 20:30:00	0.37
2019-10-01 21:00:00	0.21
2019-10-01 21:30:00	0.32
2019-10-01 22:00:00	0.13
2019-10-01 22:30:00	0.01
2019-10-01 23:00:00	0.00
2019-10-01 23:30:00	0.00
2019-10-02 00:00:00	0.00

**4.SC ROMPETROL RAFINARE SA –Punct de lucru Rafinaria Vega Ploiesti  
(punct monitorizare SC ATM CONSTRCT SRL)**

<b>01.10.2019</b>	
<b>DataOra</b>	<b>H2S (µg /m3)</b>
2019-10-01 00:30	3.07
2019-10-01 01:00	2.95
2019-10-01 01:30	2.93
2019-10-01 02:00	4.44
2019-10-01 02:30	4.40
2019-10-01 03:00	4.53
2019-10-01 03:30	4.49
2019-10-01 04:00	2.56
2019-10-01 04:30	5.69
2019-10-01 05:00	4.15
2019-10-01 05:30	3.13
2019-10-01 06:00	3.09
2019-10-01 06:30	3.14
2019-10-01 07:00	2.97
2019-10-01 07:30	3.06
2019-10-01 08:00	3.35
2019-10-01 08:30	3.27
2019-10-01 09:00	3.16
2019-10-01 09:30	2.97
2019-10-01 10:00	2.32
2019-10-01 10:30	2.56
2019-10-01 11:00	2.29
2019-10-01 11:30	2.78
2019-10-01 12:00	2.12
2019-10-01 12:30	2.20
2019-10-01 13:00	1.97
2019-10-01 13:30	2.15
2019-10-01 14:00	2.05
2019-10-01 14:30	2.42
2019-10-01 15:00	2.31
2019-10-01 15:30	2.12
2019-10-01 16:00	1.69
2019-10-01 16:30	2.20
2019-10-01 17:00	1.98
2019-10-01 17:30	2.04
2019-10-01 18:00	2.30
2019-10-01 18:30	2.30
2019-10-01 19:00	2.18
2019-10-01 19:30	2.57
2019-10-01 20:00	3.96
2019-10-01 20:30	2.88
2019-10-01 21:00	5.38
2019-10-01 21:30	5.81
2019-10-01 22:00	8.89
2019-10-01 22:30	3.44
2019-10-01 23:00	2.49
2019-10-01 23:30	2.32
2019-10-01 24:00	10.63

<b>01.10.2019</b>				
Data Ora	Benzen (ug/m3)	Toluen (ug/m3)	Bioxid de sulf (ug/m3)	Pulberi (ug/m3)
2019-10-01 01	1.03	1.752	3.60	27.71
2019-10-01 02	6.97	1.659	3.33	25.01
2019-10-01 03	6.91	1.382	3.06	17.76
2019-10-01 04	24.10	1.631	3.69	17.97
2019-10-01 05	5.08	0.949	3.74	21.56
2019-10-01 06	3.09	1.939	4.31	29.64
2019-10-01 07	6.07	0.756	4.10	22.76
2019-10-01 08	14.09	1.576	3.90	24.59
2019-10-01 09	8.80	2.725	3.76	22.30
2019-10-01 10	4.94	0.983	3.62	15.92
2019-10-01 11	1.45	0.847	5.80	15.42
2019-10-01 12	0.25	3.175	4.31	15.88
2019-10-01 13	0.46	2.372	4.26	18.64
2019-10-01 14	0.47	2.631	3.68	18.22
2019-10-01 15	0.20	2.676	3.83	18.26
2019-10-01 16	0.45	2.555	3.86	23.21
2019-10-01 17	0.23	2.526	3.71	28.30
2019-10-01 18	0.27	5.589	4.05	35.88
2019-10-01 19	<del>5.15</del>	<del>5.564</del>	3.73	49.18
2019-10-01 20	7.21	2.686	4.36	113.51
2019-10-01 21	29.86	0.406	5.70	54.16
2019-10-01 22	5.54	2.059	5.66	26.09
2019-10-01 23	8.22	1.189	5.14	24.56
2019-10-01 24	1.03	1.752	3.60	27.71

**SC ROMPETROL RAFINARE SA –Punct de lucru Rafinaria Vega Ploiesti**  
**(punct monitorizare sat Tintareni )**

<b>01.10.2019</b>	
<b>DataOra</b>	<b>H2S (µg /m3)</b>
2019-10-01 00:30	2.89
2019-10-01 01:00	3.52
2019-10-01 01:30	2.55
2019-10-01 02:00	3.42
2019-10-01 02:30	3.84
2019-10-01 03:00	2.95
2019-10-01 03:30	3.02
2019-10-01 04:00	2.43
2019-10-01 04:30	2.33
2019-10-01 05:00	1.79
2019-10-01 05:30	3.04
2019-10-01 06:00	3.03
2019-10-01 06:30	2.66
2019-10-01 07:00	2.57
2019-10-01 07:30	3.96
2019-10-01 08:00	2.49
2019-10-01 08:30	2.38
2019-10-01 09:00	3.17
2019-10-01 09:30	1.65
2019-10-01 10:00	1.49
2019-10-01 10:30	1.42
2019-10-01 11:00	1.60
2019-10-01 11:30	1.17
2019-10-01 12:00	1.28
2019-10-01 12:30	1.97
2019-10-01 13:00	2.06
2019-10-01 13:30	1.62
2019-10-01 14:00	1.60
2019-10-01 14:30	1.64
2019-10-01 15:00	1.40
2019-10-01 15:30	1.51
2019-10-01 16:00	1.44
2019-10-01 16:30	1.18
2019-10-01 17:00	1.43
2019-10-01 17:30	2.01
2019-10-01 18:00	1.61
2019-10-01 18:30	2.37
2019-10-01 19:00	2.05
2019-10-01 19:30	2.48
2019-10-01 20:00	2.32
2019-10-01 20:30	2.53
2019-10-01 21:00	6.85
2019-10-01 21:30	2.51
2019-10-01 22:00	3.07
2019-10-01 22:30	2.76
2019-10-01 23:00	3.37
2019-10-01 23:30	5.51
2019-10-01 24:00	4.75

<b>01.10.2019</b>				
Data Ora	Benzen (ug/m3)	Toluen (ug/m3)	Bioxid de sulf (ug/m3)	Pulberi (ug/m3)
2019-10-01 01	0.77	0.432	2.89	23.30
2019-10-01 02	0.69	0.251	2.92	22.07
2019-10-01 03	0.93	0.293	2.34	19.03
2019-10-01 04	0.63	0.177	2.34	16.43
2019-10-01 05	1.48	0.167	2.22	16.01
2019-10-01 06	1.52	0.336	2.80	15.54
2019-10-01 07	0.96	0.079	2.51	17.98
2019-10-01 08	1.01	0.260	2.62	20.92
2019-10-01 09	0.65	0.490	2.50	34.01
2019-10-01 10	0.47	0.133	2.19	16.87
2019-10-01 11	0.34	0.142	2.17	20.55
2019-10-01 12	0.31	0.258	2.66	14.11
2019-10-01 13	0.58	0.359	6.52	14.56
2019-10-01 14	0.74	0.367	3.48	16.06
2019-10-01 15	0.57	0.333	3.58	17.08
2019-10-01 16	0.48	0.504	3.65	17.54
2019-10-01 17	0.61	0.275	4.07	20.80
2019-10-01 18	0.38	0.454	4.78	25.72
2019-10-01 19	0.30	0.214	6.68	33.95
2019-10-01 20	1.21	0.602	3.30	49.05
2019-10-01 21	1.01	0.852	2.79	46.95
2019-10-01 22	0.79	0.936	2.78	39.26
2019-10-01 23	0.99	0.671	3.01	32.81
2019-10-01 24	0.57	0.522	3.45	27.40